

U.S DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
WYOMING

**OPERATION AND MAINTENANCE PLAN
STRUCTURE FOR WATER CONTROL
CODE 587**

Land Owner/Operator _____

Job Location _____ GPS _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained structure for water control is an asset to the farm. The structure was designed and installed to control water stage, discharge, distribution, delivery, and/or direction of flow. Estimated life span of this installation is at least 10 years. The life of the structure can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective operation and maintenance program includes:

- ☐ Maintain the width, height, and side slopes of soil berms and embankments.
- ☐ Settlement or cracks in earthen sections must be investigated (to determine the cause) and repaired.
- ☐ Check concrete surfaces for accelerated weathering, spalling, settlement, alignment or cracks. Repair damaged concrete.
- ☐ Check all rock riprap and erosion control matting sections for accelerated weathering and displacement of materials. Replace to original shape and grade if necessary.
- ☐ Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilizing and application of herbicides when necessary. Periodic mowing or short term grazing may also be needed to control height.
- ☐ Limit traffic and do not use the structure as a road. Avoid travel that may harm or destroy the vegetative cover.
- ☐ Drain structures when not being used. Remove accumulated soil and debris and any blockage that may restrict capacity.
- ☐ Avoid the use of tillage equipment that accelerates soil removal.
- ☐ If livestock are present, prevent access to components subject to damage by livestock.
- ☐ Repair any vandalism, vehicular, or livestock damage.

Other _____
